

TR/SR(EL)/JUNE/18

**Departmental Examination of Engineering Officers  
June – 2018**

**SIMPLE RULES**

**(Electrical)**

**(Without Books)**

**Full Marks – 100**

**Time – Three hours**

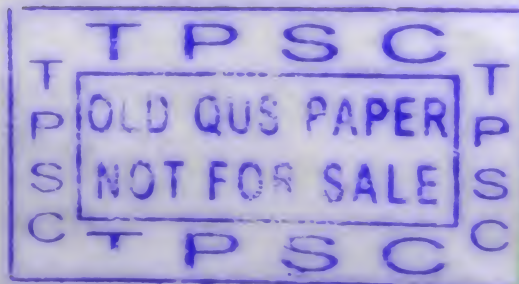
The figures in the margin indicate full marks  
for the questions.

1. Attempt *all* questions : 10×2=20

Select the correct / best option from the multiple choices given under each question and write in answer sheet.

- (a) Period of training before appointment to be treated as \_\_\_\_\_ for eligibility to sit for departmental examination.

- (i) Prohibited
- (ii) Duty
- (iii) Better employment
- (iv) None of these



[Turn over

(b) The standard licence fee shall be calculated on the Capital Cost of residence at the rate per annum.

(i) 4%

(ii) 6%

(iii) 8%

(iv) 10%

(c) Prescribe Flat rate of monthly licence fee applicable type of accommodation allotted to the employees shall not exceed of his monthly emoluments.

(i) 4%

(ii) 6%

(iii) 8%

(iv) 10%

(d) Charging of damage made from unauthorised occupant of general pool residential accommodation and recovery of licence fee.

(i) Double the standard licence fee.

(ii) Tripple the standard licence fee.

(iii) More other charges in respect of (i).

(iv) More other charges in respect of (ii).

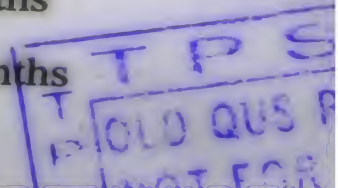
(e) An employee after death can retain his/her Govt. quarter at the normal licence fee.

(i) 2 months

(ii) 4 months

(iii) 6 months

(iv) 12 months





- (f) When licence fee has been recovered short through mistake or inadvertence the Government servant shall pay the deficiency on demand within
- (i) 4 months
  - (ii) 8 months
  - (iii) 12 months
  - (iv) 24 months
- (g) During suspension a Government servant is entitled to subsistence allowances equal to the percentage of leave salary
- (i) 25%
  - (ii) 50%
  - (iii) 75%
  - (iv) All of above
- (h) A Government servant who is detained in custody under any law providing/as a result of proceeding he should be placed under suspension if the period of detention exceeds
- (i) 24 hours
  - (ii) 48 hours
  - (iii) 72 hours
  - (iv) All of above
- (i) If minor penalty is imposed, the period of suspension to be treated as
- (i) Leave with subsistence allowance
  - (ii) Leave without pay
  - (iii) Duty
  - (iv) None of above

(j) Grant of license to a Government servant to occupy a house owned by the Government for use by him as residence means

(i) Leased

(ii) Rented

(iii) Allotted

(iv) All of above

2. Answer any *four* questions : 4×5=20

(a) How regulation of supplementary claim is done when promoted / reverted ?

(b) What are the different kinds of travelling allowances ?

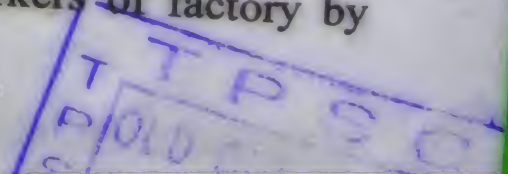
(c) What do you mean by Local journey ? State regulation of TA.

(d) What is the rule of DA on tour for continuous halt at outstation including taking of casual leave ?

(e) What are the guidelines of transfer TA/Grant in case both the husband and wife are in Government service and transfer to the same station at a time ?

3. Answer *all* questions : 5×2=10

(a) What types of welfare are supposed to be extended to the staff/workers of factory by owner ?





- (b) What types of safety protection are to be taken in a factory in case of Electrical hazards and fire ?

4. Answer *all* questions :

5×2=10

- (a) What are the financial limit of HPC and DPC ?
- (b) Write power delegated to Chief Engineer/ Addl. Chief Engineer / Superintending Engineer in respect to undertake Deposit works.
- (c) What is the financial limit for award of works by negotiation with lowest tenderer by Chief Engineer and Superintending Engineer ?
- (d) What is the power of Chief Engineer to fix standard rent and write off of T & P ?
- (e) Who are the members of Lower Purchase Committee and Higher Purchase Committee ?

5. Answer *all* questions :

2×5=10

- (a) Write few words on conduct of Government servants in relation to proper maintenance of his family.
- (b) Write in brief the acceptance of dowry by Government servants.

6. Answer any *five* questions :

5×2=10

- (a) What do you mean by "Grid" ?
- (b) What do you mean by real time operation ?
- (c) Write few words on NLDC functions.
- (d) What is "Electric Supply Code" ?
- (e) Write three powers of State Commission to make regulation.
- (f) Mention why Non-conventional energy sources are necessary.

7. Answer any *five* questions :

5×2=10

- (a) State the minimum clearance above ground of lowest conductor.
  - (i) 11 kV line along/across street
  - (ii) 33 kV line along/across street.
- (b) State the horizontal clearance to be maintained from building in case of 11 kV/33 kV/Extra high voltage line.
- (c) What is the minimum clearance to be maintained during crossing of lines ?
  - (i) Low voltage and 11 kV
  - (ii) 11 kV and 132 kV.



(d) State briefly the procedure of intimation of "electrical accident" to authority.

(e) What is the time line for conversion of services from L.T single phase to L.T 3 phase ?

(f) What should be the earthing value in case of 11 kV substation and in house ?

8. Answer any *two* questions :

$2 \times 5 = 10$

(a) What do you mean by reclassification of consumer category ?

(b) State procedure for booking a case for unauthorise use of electricity.

(c) State the conditions for getting new service connection by public.

